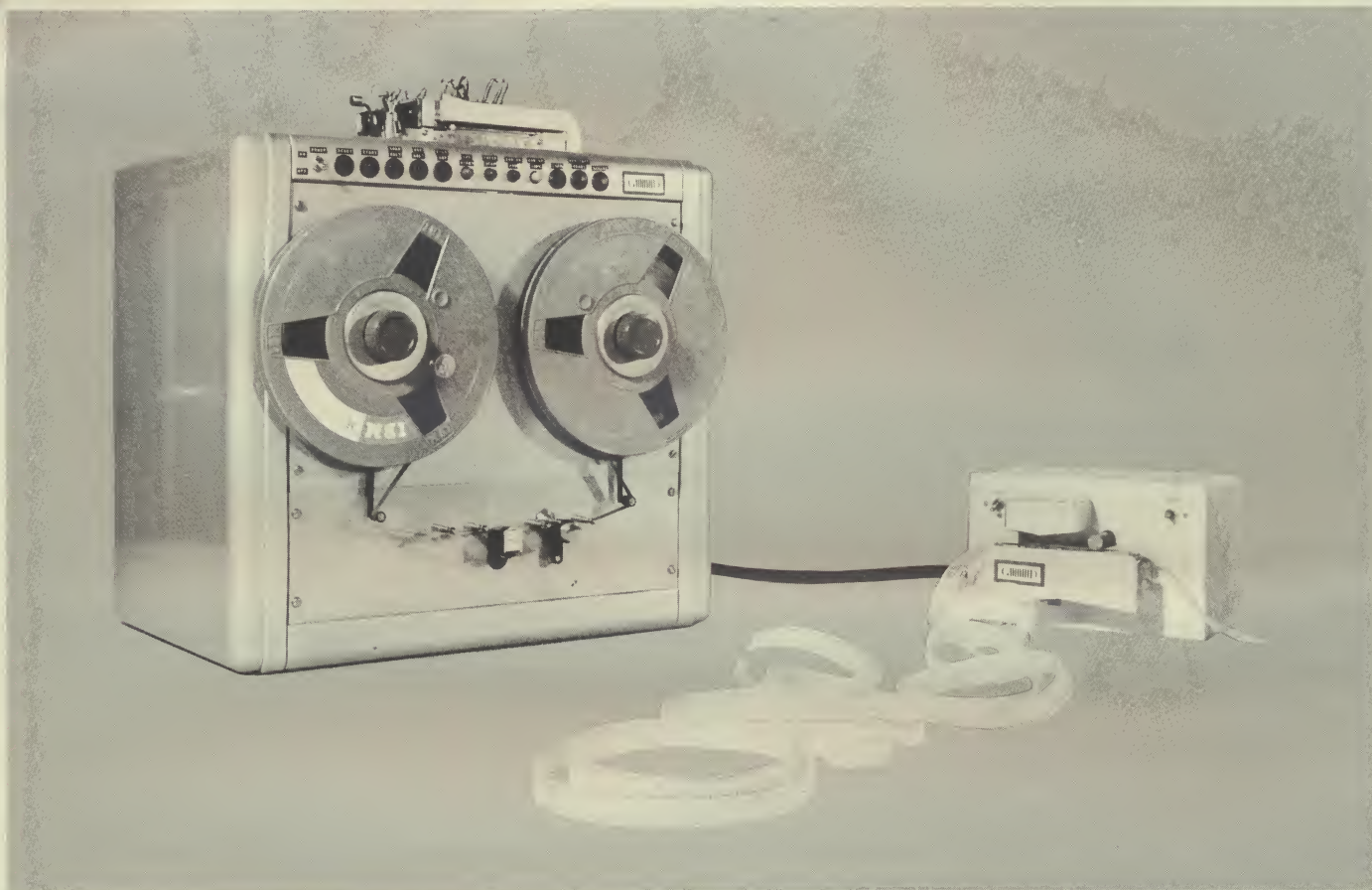




— *VERSA-VERTER* —

APPLICATION

The SC-332B is a unidirectional tape converter which converts perforated tape data to magnetic tape data. The converter is used to prepare perforated tape data for high-speed entry into a digital computer through the computer's magnetic tape input. This frees the computer from the costly and time-consuming job of reading perforated tape.

DESCRIPTION

The SC-332B converter uses a new concept in magnetic tape recording—a step drive recorder. This device makes it possible to write data on magnetic tape at the data rate of the paper tape reader, eliminating the need for a core buffer memory. The converter

reads a character on paper tape, converts it to a magnetic tape character, records it, and then advances the magnetic tape one step. This is continued on a character-by-character basis until a command is given in the converter to end the record and write a record gap. The SC-332B is programmed by a removable plugboard which can be preprogrammed for each different job to be processed.

OPERATION

The converter is built as a table-top unit, consisting of two packages—the incremental transport, converter logic, and controls in one package, and the perforated tape reader in another package. The mechanical layout of the equipment permits easy handling of the perforated tape and accessibility to the controls.

* TRADEMARK - GENERAL DYNAMICS CORPORATION

GENERAL DYNAMICS CORPORATION

TAPE CONVERTER

TECHNICAL DATA

OPERATIONAL SPEED: 100 characters/second
RECORD LENGTH: Determined by a programmable counter.
Up to 256 characters standard
Greater lengths by option
CIRCUITRY: Solid-state circuitry is used throughout the converter.
TAPE FORMATS: Magnetic Tape—one-half inch, seven level IBM-compatible and other standard computer magnetic tape formats.
Paper Tape—5, 6, 7, and 8-level codes with or without parity. (In accordance with E14 Standard RS-227.)
PARITY CHECK: Paper Tape—odd or even
PAPER TAPE SPOOLING: Feed: center feed supply bin
Take up: Eight inch reel
TEMPERATURE RANGE: +5° to +50°C operating

MAGNETIC TAPE TRANSPORT:

SC-303 incremental magnetic tape drive providing 200/556 characters per inch packing density at the speed of the incoming data.

INPUT PERFORATED TAPE READER:

Utilizes sprocketless tape drive and photoelectric reading.

Operates at 100 characters/second with any 1¹/₁₆, 7⁷/₈, or 1-inch tape meeting the requirements of NAS943.

POWER:

120 volts±10%, 60 cps±5%, single phase at approximately 3 amperes

Power factor: 0.85 min.

DIMENSIONS:

Cabinet housing tape drive:

Height—22 inches

Width—24 inches

Depth—18 inches

Paper tape reader:

Height—7 inches

Width—11 inches

Depth—10 inches

WEIGHT:

Approximately 100 pounds

GENERAL DYNAMICS | ELECTRONICS

Write: Marketing Manager, Data Communications, 1400 N. Goodman St., P. O. Box 226, Rochester, N. Y. 14601, Phone FI 2-8000, Area Code 716